Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 04 Aug 2021 until 23:59 on Thursday 05 Aug 2021

Forecast Issued on Tuesday 03 Aug 2021 at 14:49

Confidence: High for increasingly changeable conditions and periods of heavy rain over the coming days, but low for the timing and location of thunderstorms.

Headline for Wednesday 04 Aug 2021: Plenty of morning sunshine then heavy showers and possible thunderstorms.

Mountain weather hazards on Wednesday 04 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Sunny intervals	Sunny intervals	Light rain showers	Heavy rain showers	Sunny intervals	Cloudy
Precipitation probability							
00%	00%	00%	00%	60%	70%	40%	10%

Forecast for Wednesday 04 Aug 2021

Weather: Largely clear skies through the early hours but some areas of mist or fog may develop through the eastern Dales. Dry and fine through morning with any low cloud readily clearing by mid morning. Conditions will become changeable by early afternoon as scattered and locally sharp showers develop, some of which are likely to turn thundery. Some places will escape these however and the evening will become increasingly dry.

Chance of cloud free mountain/hill tops above 600m: 90% falling 70% as showers develop.

Visibility: Any poor visibility in the valleys will quickly improve through morning, otherwise no issues expected until afternoon showers develop. These may bring areas of cloud down to 500m along with briefly torrential rain, obscuring neighbouring slopes from view.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 04 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/4 SE	4/6 S	3/5 S	7/10 S	8/12 S	7/12 S	7/11 S	6/10 SE	8/14 SE
300	1/3 E	1/4 E	1/4 SE	5/10 S	5/11 SW	5/11 S	5/9 S	2/7 SE	3/11 SE
Valley	3/5 E	3/5 E	2/5 E	3/7 S	6/12 SW	7/13 SW	5/10 S	3/6 SE	4/9 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/11	12/11	12/12	14/13	14/13	14/13	14/13	13/12	12/10
300	10/10	9/9	12/12	17/16	17/17	17/17	16/16	13/13	12/12
Valley	11/11	11/11	13/13	17/18	19/18	19/18	18/17	15/15	14/14
Freezing Level*	2100m	2100m	2200m	2200m	2200m	2300m	2400m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be aware of fast changing conditions through afternoon as heavy showers or thunderstorms develop. Thunderstorms will bring a real risk of lightning strikes as well as hail and very poor visibility.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 03 Aug 2021	1mm	1mm	1.6mm

Forecast for Thursday 05 Aug 2021

Weather: Increasingly cloudy but dry and bright until mid morning, after which bands of heavy rain will spread east across all areas along with strengthening south or southeast winds. Cloud descending widely across the hills through evening with further rain or heavy showers never far away.

Maximum wind: South or southeast 15-20mph, gusting up to 30mph.

Chance of cloud free mountain/hill tops above 600m: 80% falling 30% through afternoon.

Visibility: Generally very good at first with cloud well above the hills, but becoming more variable from mid morning as outbreaks of rain come and go. Periods of cloud will accompany these down to around 500m before becoming more extensive down to 300m through evening.

Temperature: **Valleys:** Plus 12 Celsius rising Plus 17 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Well above summits.

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